

Converting Colors

$Yxy(60.2982, 0.2970, 0.4302)$

Have a look what the booklet for
Yxy(60.2982, 0.2970, 0.4302)
contains.

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Color

Yxy(60.4189, 0.2968, 0.4303)

Conversions

Conversions Part 1

Format	Color
Hex	84E096
RGB	132, 224, 150
RGB Percent	52%, 88%, 59%
CMY	0.4824, 0.1215, 0.4118
CMYK	0.41, 0.00, 0.33, 0.12
HSL	132°, 60%, 70%
HSV	132°, 41%, 88%
XYZ	41.6740, 60.4189, 38.3182
YIQ	188.0560, -31.0780, -42.5180

Conversions

Conversions Part 2

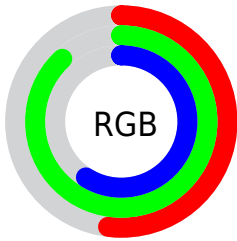
Format	Color
RYB	132, 209, 224
Decimal	8708246
CIELab	82.07, -42.85, 27.87
CIELCh	82, 51.115, 146.952
Yxy	60.4189, 0.2968, 0.4303
Android (android.graphics.Color)	4286898326 (0xFF84E096)
YUV	188.0560, -18.7616, -49.1611
Hunter-Lab	77.7296, -40.3256, 25.1827

Details

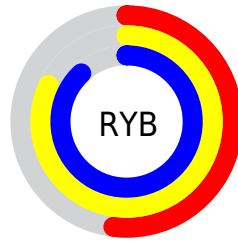
The Yxy color **60.4189, 0.2968, 0.4303** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **36.8021, 0.3347, 0.2457**, and the grayscale version is **50.4435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6191, 0.3000, 0.3849**, and **30.4236, 0.2906, 0.4608** is the 20% darker color. If you saturate the color by 10%, you get **58.2690, 0.2939, 0.4603**, and if you desaturate by 10%, it is **63.0507, 0.3003, 0.4018**.

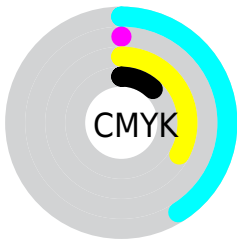
Distribution



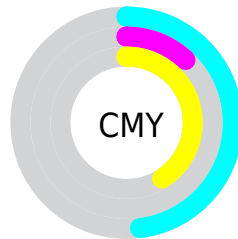
- Red (52%)
- Green (88%)
- Blue (59%)



- Red (52%)
- Yellow (82%)
- Blue (88%)



- Cyan (41%)
- Magenta (0%)
- Yellow (33%)
- Black (12%)




- Cyan (48%)
- Magenta (12%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4189, 0.2968, 0.4303 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 60.4189, 0.2968, 0.4303 by changing the saturation by 10% instead.


 60.4189, 0.2968,
0.4303


 60.4189, 0.2968,
0.4303


426.1401, 0.3060,
0.3789


 43.7564, 0.2941,
0.4432


 105.4371, 0.3004,
0.4115

 30.4790, 0.2905,
0.4599


 134.5615, 0.3017,
0.4045

 20.2025, 0.2853,
0.4820


 168.6088, 0.3028,
0.3986

 12.5423, 0.2775,
0.5128

207.9631, 0.3036,
0.3935

 7.1141, 0.2646,
0.5579

253.0091, 0.3044,
0.3891

 3.5336, 0.2419,
0.6311

304.1309, 0.3050,

 1.4162, 0.1364,

0.3853

0.8636

361.7132, 0.3055,
0.3819

■ 0.2286, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4189, 0.2968,
0.4303

■ 60.4189, 0.2968,
0.4303

■ 58.2690, 0.2939,
0.4603

■ 63.0507, 0.3003,
0.4018

■ 56.5645, 0.2919,
0.4908

■ 66.1835, 0.3042,
0.3756

■ 55.2753, 0.2910,
0.5200


■ 69.8445, 0.3083,
0.3520


■ 54.3648, 0.2914,
0.5462

■ 74.0567, 0.3123,
0.3311

 53.7892, 0.2930,
0.5678

 78.8417, 0.3162,
0.3128

 53.4961, 0.2951,
0.5823

 81.7953, 0.3141,
0.2989

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.4189, 0.3604, 0.4490



60.4189, 0.2968, 0.4303



60.4189, 0.2408, 0.3727

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.4189, 0.2968, 0.4303



60.4189, 0.2151, 0.2307



60.4189, 0.4319, 0.3342

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60.4189, 0.2968, 0.4303



36.8021, 0.3347, 0.2457

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.4189, 0.3845, 0.2873



60.4189, 0.2968, 0.4303



60.4189, 0.2568, 0.2303

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.4189, 0.2968, 0.4303



60.4189, 0.1977, 0.2552



60.4189, 0.3182, 0.2506



60.4189, 0.4420, 0.3840

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.4189, 0.2968, 0.4303



60.4189, 0.2148, 0.3268



60.4189, 0.3182, 0.2506



60.4189, 0.4196, 0.3179

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60.4214, 0.2968, 0.4303



93.1664, 0.3078, 0.3543



68.2658, 0.3607, 0.4352



19.7963, 0.3073, 0.3572



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.4214, 0.2968, 0.4303



78.6200, 0.2943, 0.4551



62.1535, 0.2718, 0.3672



15.3809, 0.3089, 0.3484



31.1491, 0.2945, 0.5802



2.1717, 0.2868, 0.5524

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36.8021, 0.3347, 0.2457



42.9820, 0.3405, 0.2301



34.9239, 0.3835, 0.2948



13.8872, 0.3168, 0.3103



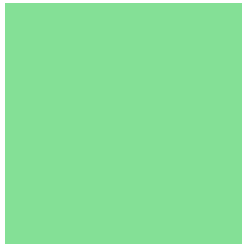
11.1624, 0.3774, 0.1853



0.7856, 0.3671, 0.1796

Previews

White Background



This preview shows how the Yxy color 60.4189, 0.2968, 0.4303 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 60.4189, 0.2968, 0.4303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

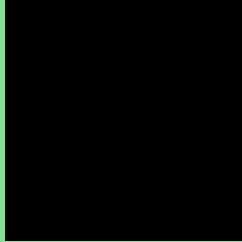
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4189, 0.2968, 0.4303

Background



This preview shows how black text looks on a background with the Yxy color 60.4189, 0.2968, 0.4303.



This preview shows how white text looks on a background with the Yxy color 60.4189, 0.2968, 0.4303.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

60.4189, 0.2968, 0.4303

Protanopia

59.6950, 0.3720, 0.4010

Deuteranopia

59.6077, 0.3795, 0.3722



Tritanopia

60.2522, 0.2600, 0.3079

Trichromacy



Original Color

60.4189, 0.2968, 0.4303



Protanomaly

59.1669, 0.3409, 0.4131



Deuteranomaly

58.6178, 0.3448, 0.3928



Tritanomaly

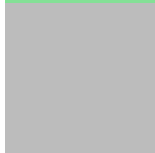
60.2467, 0.2731, 0.3496

Monochromacy



Original Color

60.4189, 0.2968, 0.4303



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

53.1541, 0.3065, 0.3646

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4189, 0.2968, 0.4303 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(132, 224, 150)` looks like.

```
.text, #text, p{  
    color:rgb(132, 224, 150)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(132, 224, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 224, 150) }
```

Border

The CSS property to change the border of an element to Yxy 60.4189, 0.2968, 0.4303 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(132, 224, 150) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(132, 224, 150) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(132, 224, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 224, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 224, 150);  
box-shadow:4px 4px 4px 4px rgb(132, 224,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4189, 0.2968, 0.4303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 224, 150) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(132,  
224, 150) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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